

LIDIN, Dmitriy

From the pages of the history of radio. Avtom., telem. i sviaz'
7 no.5:20-23 My '63. (MIRA 16:7)

(Radio)

LIDIN, Dmitriy

Creative pursuit. Avtom., telem. 1 sviaz' 8 no.4:31-32 Ap '64.
(MIRA 18:2)

LIDIN, Dmitriy

Wladimir Il'ich Lenin, a friend and inventor. Avtom., telem. i
sviaz! 9 no.4:12-13 Ap '65. (MIRA 18:5)

LIDIN, Dmitriy

His name is part of the history of radio engineering. Avtom., telem.
i sviaz' 9 no.6:43-44 Je '65. (MIRA 18:8)

LIDIN, Dmitriy

Inventors are not born. Avtom., telem. i sviaz' 9
no.12:39-42 D '65.

(MIRA 19:1)

The gas resources of the Lugansk district. O. D. Lalin.
Natural Gases U. S. R. No. 10, 48 (7/1935). The gases
of the coal deposit contain H₂S 0-1.4, CO₂ 0.4-7.6, CH₄
0.3-0.5, C₂H₆ 8.5-98.3, N₂ + rare gases 0.6-82.9, Ar +
Kr + Xe 0.028-0.080, He + Ne 0.002-0.018%. A num-
ber of analyses of gases derived from various depths are
tabulated. Nine references. A. A. Boshilovsk



SKOCHINSKIY, A. A., Academician; LIDIR, G. D.

"Forecasting the Methane Bearing Capacity in the Deep Levels of the Donbas Mines,"
Iz. Ak. Nauk SSSR, Otdel. Tekh. Nauk, No. 1, 1941.
Submitted 20 Aug 1940.

Report U-1530, 25 Oct 1951

CR

The sorptive powers of bituminous and anthracite coals of the Donbass region. G. D. Likhin. *Bull. acad. sci. U. R. S. S., Classe sci. tech.* 1941, No. 3; 107-20.—The av. amts. of gases absorbed by Donbass coals are CO₂, 300; CH₄, 640; O₂, 135; N₂, 140 and A 180 cc. per 100 g. of coal. It is concluded that the same processes take place during the carbonization of bituminous coals when the coal loses its volatile substances as during the prepn. of activated carbon. As a result of this metamorphosis the coals are activated simultaneously with the carbonization. Three references.

W. R. Henn

21

1ST AND 2ND CONTENTS																									
PROCESS AND PROPERTIES INDEX																									
BC a-1 Gas wealth of Kuznetsk Basin. G. D. Ildin (Bull. Acad. Sci. U.R.S.S., <i>Ch. Sci. Tech.</i>, 1963, No. 11-12, 61-70).—The average gas compositions of the carboniferous layers at the depth of 60, 130, 170, and >170 m. are CO, 60-8, CH₄, 1-5, N₂, 28%; CO, 8-7, CH₄, 4-8, N₂, 28-30%; CO, 8-8, CH₄, 4-9, N₂, 47-8, and CO, 1-0, CH₄, 93-6, N₂, 8-4%, respectively. The cause of this distribution is discussed; the CH₄ content of deep layers may be utilised.																									
Inst. of Mining, AS USSR ASH-51A METALLURGICAL LITERATURE CLASSIFICATION																									

PROCESSING AND PROPERTY INDEX																									
MATERIALS INDEX													PROPERTY INDEX												
SUBJECT INDEX													PROPERTY INDEX												
<i>Ca</i> Zonal distribution of natural gases in the Donbas region. G. D. Likhin. <i>Bull. acad. sci. U.R.S.S., Classe sci. tech.</i> 1964, 337-45. The gases in the coal formations of the Donbas region consist of CO₂, N, CH₄, He, H, and heavy hydrocarbons. The CO₂ was formed chiefly under the influence of biochem. processes in the upper layers of the biosphere and as the result of chem. reactions during the oxidation of C by atmospheric O dissolved in subterranean waters. N and the heavy rare gases are of atmospheric origin. CH₄, found in very large quantities in coal formations, is chiefly the product of metamorphism of org. substances. All gases found in the Donbas coal deposits are distributed among several zones: the zone of atmospheric-chem. gases (CO₂, N), the zone of atmospheric gases (N), the zone of atmospheric-metamorphic gases (N, CH₄) and the zone of metamorphic gases (CH₄). Seventeen references. W. R. Henn													1												
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																									

BA-2, Fuel, Gas, Tar, Mineral Oil,

B: Abs.

Control of the Migration of methane during the working of coal
mines. A. A. Shcherbakov and G. D. Lida (Bull. Acad. Sci. U.R.S.S.,
Cl. Sci. Tech., 1948, 808-877).—Migration of CH₄ occurs in certain
cases from one coal seam to another separated from it by layers of
rock. Difficulties in ventilation arise from the fact that the amount
of CH₄ fluctuates considerably with time. Methods of working such
mines to best advantage are considered. G. N. B.

LIDIN, G.; EPPINGER, I.

In the Mining Institute of the Academy of Sciences of the U.S.S.R. Izv.
AN SSSR Otd.tekh.nauk no.3:358 '47. (MLBA 6:12)
(Academy of Sciences of the U.S.S.R.)

LIDIN, G. D.

PA 20/49T83

USSR/Mining Methods
Coal

Sep 48

"Control of Gas Evolution in Coal Mines," G. D.
Lidin, 5 $\frac{1}{2}$ pp

"Ugol'" No 9 (270)

Treats subject under the following: (1) chief sources of gas, (2) lowering of total methane content of pits, (3) redistribution of gas along workings, (4) redistribution of gas in course of time, (5) warning of increased gas evolution, (6) warning of sudden discharges of gas, and (7) conclusions.

20/49T83

LIDIN, G. D.

"Classification of the Formation of Methane in Coal Pits," Iz. Ak. Nauk, SSSR,
Otdel Tekh. Nauk, No. 11, 1948

"Control of Gas Evolution in Coal Mines," Ugol', No. 9, 1948

LIDIN, G. D.

PA 40/49T94

USSR/Mining
Coal
Gas

Jan 49

"Reply to N. S. Popov's Article, 'The Donbas
Should Have a Map Showing Gas-Bearing Sections
of Coal Strata,'" G. D. Lidin, $\frac{1}{4}$ p

"Ugol'" No 1

Author is in full agreement with Popov's
article which appeared in "Ugol'" No 9, 1948.
Notes, however, that Popov is not the first
to suggest such a project. Urges that it
be accomplished expeditiously.

40/49T94

LIDIN, G. D.

PA 48/49184

USSR/Mining
Firedamp

Feb 49

"Determining the Firedamp in Deep Shafts of the
Donbas," G. D. Lidin, 4 pp

"Ugol" No 2

Relative firedamp content in shafts increases
directly in proportion to depth of shaft under
normal operation. This increase (beyond the
firedamp stage) is determined by natural and
operational factors and varies from region to
region. Gas can be pumped out in Almazno-
Ker'yevskiy Region to a depth of 200 - 250 meters,
in Tsentrallyy Region down to 200 - 300 meters,
48/49184

USSR/Mining (Contd)

Feb 49

and in Stalino-Makeyev area down to 100 - 200
meters. Data was collected in several Donbas
mines.

48/49184

USSR/Geology

Apr 49

Coal
Gas

"Gases of Coal Deposits," G. D. Lidin, I. L.
Bttinger, 10 pp

"Priroda" No 4

Discusses (1) nature of gases and their occurrence
in carboniferous deposits, (2) gas formation in
mine shafts, (3) prevention of gas in mines, (4)
problem of forecasting gas abundance in mines, (5)
controlling gas formation in mines, and (6) utili-
zation of gases. Discusses historical background

57/49746

USSR/Geology (Contd)

Apr 49

of subject. Illustrates how the dangerous gas,
methane, can be converted into a useful mineral
product by proper measures.

LIDIN, G. D.

57/49746

USSR/Mines

Methane

Jul 49

Methane-Rich Shafts of the Kuznetsk Basin, "G. D. Iudin, Mining Inst, Acad Sci USSR, 8 pp

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 7

From material obtained 1939 - 1947 in determining the category (methane-abundance) of shafts, established that number of shafts having high gas content has increased each year. While a definite methane separation was observed in only 20% of the shafts in 1939, in 1947 this group made up 40% of the total number. Basic reason for increased gas in shafts

52/49788

USSR/Mines (Contd)

Jul 49

is increased depth of operation. Submitted by Acad A. A. Stochinsky, 5 Apr 49.

52/49788

LIDIN, G. D.

27724. LIDIN, G. D. Na stat'yu i. a. gerasimova "gazovaya pipetka" ("ugol"
No. 2, 1949) ugol', 1949, No. 9 S-37

SO: Letopis' Zhurnal'nykh Statey, Vol 37, 1949.

1480. CURRENT SOLUTIONS OF PROBLEMS OF FORECASTING AND CONTROL OF GAS EMISSION IN COAL MINES. Lidin, G. D. (Invest. Akad. Nauk S.S.S.R., Itdel. Tekh. Nauk (Bull. Acad. Sci. U.S.S.R., Sect. Tech. Sci.), Dec. 1950, 1844-1854).

Work published in 1945-50 by the authors, M. Ya. Rapoport, I. L. Ettinger, M. M. Elinson and V. V. Khodot is summarized. They have established the existence of a succession of zone between the surface and the coal seam containing: (a) nitrogen and carbon dioxide, (b) nitrogen, (c) nitrogen and methane (d) methane. (a) (b) and (c) together form the "aeration zone" since they contain gases of atmospheric origin. Methods of forecasting gas emission from projected workings includes statistics, "isomets" (isobars of methane pressure) and gas charts of coal-bearing areas. Influence of the following factors on gas emission in workings has been established: (1) ventilation, (2) order of working adjacent seams (less gas is encountered if lower seams are worked before higher ones), (3)

methods of roof control and (4) types of coal-getting machinery. Prospects of tappings off methane by drilling before mining, and of treating a coal field as a joint source of coal and gas, have been studied.

LIDIN, G. D.

168T59

USSR/Mining - Coal, Testing

Aug 50

"Influence of the Moisture Content on Sorption of Methane by Coals," I. L. Ettinger, G. D. Lidin, Inst of Mining, Acad Sci USSR

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 8, pp 1198-1203

Studied of methane by dry and moist coals on three samples. Demonstrated: permeability to methane decreases with increase in moisture content; decrease is determined mainly by sorption water. Natural moisture content must be considered when calculating methane-bearing ability of coal seams. Submitted by Acad A. A. Skochinskiy.

168T59

21

C.A.

The problem of exploitation of gases from coal deposits.
G. D. Lidiu. *Ugol* 25, No. 3, 27-9(1980).—Gases accompanying coal deposits have not heretofore been considered as an energy source but rather largely as a safety problem. At the present time, 150,000 cu. m. per day are lost in the Kuzbas and Karaganda coal fields. At 0° and 1 atm., 1 g. of coal contains 5-8 cc. of CH₄. The collection and utilization of this CH₄ as a fuel is proposed. M. S.

LIDIN, G. D.

USSR/Mining - Coal Mines, Gases

Jun 51

"Certain Problems of Gas Weathering and Methane
Emanation in Mines of Karaganda," G. D. Lidin,
Inst of Mining, Acad Sci USSR

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 6,
pp 874-882

Establishes high methane yield of coal mines in
Karaganda basin and reveals basic natural factors
predetg gas-bearing capacity of coal strata. De-
termines trend in variation of methane yield of
mines along vertical line and slope of coal beds.
Discusses method for evaluating expected methane
emanation in mines at deep levels. Submitted by
Acad A. A. Skochinskiy.

205T91

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929820

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929820C

LIDIN, G. D. .

Fuel Abstracts
May 1954
Natural Solid
Fuels: Winning

✓ 3384. NEW HYPOTHESIS ON ERUPTIONS OF COAL AND GAS. ✓ Lidin, G.D.
(Ugol (Coal), Dec. 1953, 24-27). The views of Shevchenko (see previous
abstract) are criticized. (L).

Lidin, G.D.

USSR

92

4991. DETERMINATION OF RATE OF GAS EMISSION AS A METHOD OF
DISCOVERING ERUPTION DANGER ZONES IN COAL SEAMS. Lidin, G.D.,
Ettinger, I.L., Zhupakhina, E.S. and Sezonov, L.Ya. (Ugol
(Coal), Dec. 1954, 21-24). The method of taking coal samples,
removing the existing gas, saturating them with methane and
measuring the initial rate of gas emission was applied for three
months to a seam in central Donbass. The fact that the danger of
eruptions increases with this rate of gas emission was confirmed by
some successful predictions. (U).

LIDIN, G.D.

Statistical method for forecasting methane abundance in coal
mines. Trudy Inst.gor.dela 1:145-154 '54. (MLRA 7:12)
(Coal mines and mining--Safety measures) (Mine gases)
(Methane)

LIDIN, G. D.

USSR/Scientists

Card 1/1 : Pub. 124 - 14/24

Authors : Plaksin, I. N., Memb. Corresp. of Acad. of Sc. USSR; and Lidin, G. D.,
Dr. of Tech. Sc.

Title : Academician A. A. Skochinskiy, Hero of Socialist Labor

Periodical : Vest. AN SSSR 11, 70-74, November 1954

Abstract : Editorial honoring the 80th birthday and 55th anniversary of the
scientific work of Academician and Mining Engineer A. A. Skochinskiy
is presented. Illustration.

Institution :

Submitted :

LIDIN, G.D.; ETTINGER, I.L.; ZHUPAKHINA, Ye.S.; SAZONOV, I.Ya.

Determination of the speed of gas emission as a method of uncovering
in coal seams zones, that are exposed to the danger of ejection.
Ugol' 29 no.12:21-24 D '54. (MIRA 8:1)

1. Institut gornogo dela Akademii nauk SSSR (for Lidin, Ettinger and
Zhupakhina). 2. Shakhta "Yunyy Kommunar" tresta Ordshonikidzeugol'
(for Sazonov).
(Mine gases) (Coal mines and mining)

SHEVYAKOV, L.D., akademik, redaktor; ABAKUMOV, Ye.T., kandidat tekhnicheskikh nauk, redaktpr; GEYER, V.O., doktor tekhnicheskikh nauk, redaktor; LIEN, G.D., doktor tekhnicheskikh nauk, redaktor; OGLOBLIN, D.N., doktor tekhnicheskikh nauk, redaktor; OSTROVSKIY, S.B., redaktor; PAK, V.S., redaktpr; SAVIN, G.N. redaktor; SKOCHINSKIY, A.A., akademik redaktor; SUDOPLATOV, A.P., doktor tekhnicheskikh nauk, redaktor; TERPIGOOREV, A.M., akademik redaktor; SHCHERBAN', A.N., doktor tekhnicheskikh nauk, redaktor; TEPLITSKIY, G.A., redaktor; KOROVENKOVA, Z.A., tekhnicheskij redaktor; ANDREYEV, G.G., tekhnicheskij redaktor

[Mining coal at great depths; proceedings of a conference held in Stalino, October 1953] Razrabotka ugol'nykh mestorozhdenii na bol' shikh glubinakh; trudy soveshchania v g.Stalino, oktabr' 1953 g. Moskva, Ugletekhizdat, 1955. 475 p. (MLRA 8:8)

1. Deystvitel'nyy chlen AN USSR (for Pak and Savin) 2. Akademiya nauk SSSR, Institut gornogo dela.
(Coal mines and mining)

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929820

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929820C

LIDIN, G., professor, doktor tekhnicheskikh nauk.

Soviet Academician Aleksandr Skochinskii. Tekh.mol. 23 no.1:
16-18 Ja'55. (MLRA 8:3)
(Skochinskii, Aleksandr Aleksandrovich, 1874-)

LIDIN, G.D.

Classification of unusual gas emissions from coal beds being mined.
Part 2. Trudy Inst.gor.dela 3:119-139 '56. (MLRA 9:8)
(Mine gases)

LIDIN, G.D.; PETROSYAN, A.E.

Methane content in mines no. 17 and no. 17-bis of the Donets
Basin Stalin district. Trudy Inst. gor.dela 3:140-155 '56.
(MIRA 9:8)

(Donets Basin--Mine gases) (Methane)

LIDIN, G.D.
LIDIN, G.D.; AYRUNI, A.T.; DMITRIYEV, A.M.; GNEDIN, V., red.izd-va;
ANDREYEV, G.G., tekhn.red.

[Methods of extracting and utilizing methane from coal beds in
foreign countries] Sposoby izvlechenia i utilizatsii metana
ugol'nykh mestorozhdenii za rubezhom. Moskva, Ugletekhizdat,
1957. 85 p. (MIRA 11:1)

(Methane)

LIDIN, G.D., doktor tekhnicheskikh nauk; AYRUNI, A.T., inzhener.

Draining methane from adjacent strata by vent holes. Bezop. truda v
prom. 1 no.4:33-36 Ap '57. (MIRA 10:6)
(Coals mines and mining--Safety measures)
(Methane)

LIDIN, G.D.

Calculating expected methane emanations on the basis of gas
retained in the coal strata. Trudy Inst. gor. dela 4:142-157
'57. (MIRA 10:6)

(Mine gases) (Methane)

LIDINA, I.B. [translator]; LIDIN, G.D. [translator]; KHODOT, V.V., kand.
tekhn.nauk, otv.red.; SHANTSEVA, G.M., tekhn.red.

[Drainage of methane from coal mines and its utilization] Kaptazh
i ispol'zovanie metana kamennougol'nykh shakht. Moskva, Ugletekhizdat,
1958. 134 p. [Translated from the French] (MIRA 12:5)
(Methane)

LIDIN, G.D.; PREPRAZHENSKAYA, Ye.I.

Preliminary degassing of coal seams. Biul. tekhn.-ekon.inform.
no.2:3-5 '58. (MIRA 11:4)

(Mine gases)

LIDIN, Georgiy Dmitriyevich, doktor tekhn.nauk; AYRUNI, Arsen Tigranovich,
kand.tekhn.nauk; DZHIMSHELEYSHVILI, Shota Pilatovich, gornyy inzh.;
SABITOV, A., tekhn.red.

[Gas removal from coal seams and industrial use of methane]
Degazatsiia ugol'nykh plastov i promyshlennoe ispol'zovanie metana.
Moskva, Ugletekhizdat, 1959. 188 p. (MIRA 12:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy nauchno-tekhnicheskiiy
komitet.

(Mine gases) (Methane)

VORONINA, L.D., kand.tekhn.nauk, otv.red.; LIDIN, G.D., prof., doktor
tekhn.nauk, otv.red.; KHODOT, V.V., kand.tekhn.nauk, otv.red.;
VOLKOVA, V.A., red.izd-va; KONDRAT'YEVA, M.A., tekhn.red.

[Problems of mine air studies; on the 85th birthday of Academician
A.A.Skochinskii] Problemy rudnichnoi aerologii; k vos'midesiati-
piatiletiiu akademika A.A.Skochinskogo. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po gornomu delu, 1959. 335 p. (MIRA 13:5)

1. Akademiya nauk SSSR. Institut gornogo dela.
(Mine ventilation) (Mine gases)
(Skochinskii, Aleksandr Aleksandrovich, 1874-)

ABRAMOV, F.A., prof., doktor tekhn.nauk; BALTAYTIS, V.Ya., inzh.;
BARON, L.I., doktor tekhn.nauk; BATALIN, S.A., dotsent, kand.
tekhn.nauk; BYKOV, L.N., prof., doktor tekhn.nauk; VESELOVSKIY,
V.S., prof., doktor tekhn.nauk; VLADIMIRSKIY, V.V., kand.tekhn.
nauk [deceased]; VORONIN, V.N., doktor tekhn.nauk [deceased];
VORONINA, L.D., kand.tekhn.nauk; VOROPAYEV, A.F., prof.,dokt.tekhn.
nauk; ZHUKOV, G.I.; KOMAROV, V.B., prof., doktor tekhn.nauk;
KRICHEVSKIY, R.M., kand.tekhn.nauk; KSENOFONTOVA, A.I., dotsent,
kand.tekhn.nauk; LIDIN, G.D., doktor tekhn.nauk; MILETICH, A.F.,
dotsent, kand.tekhn.nauk; MUSTEL', P.I., dotsent, kand.tekhn.
nauk; NOVIKOV, K.P., kand.tekhn.nauk; OGIYEVSKIY, V.M., prof.,
doktor tekhn.nauk [deceased]; POLESIN, Ya.L., inzh.; RIPP, M.G.,
dotsent, kand.tekhn.nauk; SOBOLEV, G.G., inzh.; SOLOV'YEV, P.M.,
inzh.; SUKHAREVSKIY, V.M., kand.tekhn.nauk; KHEYFITS, S.Ya.,dotsent,
(Continued on next card)

ABRAMOV, F.A.---(continued) Card 2.

kand.tekhn.nauk; KHODOT, V.V., kand.tekhn.nauk; SHCHERBAN',
A.N.; TERPIGOREV, A.M., glavnyy red.; SKOCHINSKIY, A.A., otv.
red.toma; ZAYTSEV, A.P., zam. otv.red.toma; BOBROV, I.V., red.
toma; KOMAROV, V.B., red.toma; SIRYACHENKO, F.N., red.toma;
VARZIN, A.V., kand.tekhn.nauk, red.toma; KLIMANOV, A.D., dots.,kand.
tekhn.nauk, red.toma; KRIVONOGOV, K.K., inzh., red.toma; NEUYMIN,
I.N., inzh., red.toma; TITOV, N.G., doktor tekhn.nauk, red.toma;
CHIZHOV, B.D., kand.tekhn.nauk, red.toma; ONEDIN, V.Ye., red.
izd-va; NIKOLAYEV, V.F., red.izd-va; BASHEVA, T.A., red.izd-va;
PROZOROVSKAYA, V.L., tekhn.red.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklope-
dicheskiy spravochnik. Glav.red. A.M.Terpigorev. Chleny glav.
red.: A.I.Barabanov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po ugol'noi promyshl. Vol.6. [Mine atmosphere and ventilation;
controlling dust, gases, and fires; mine rescue work] Rudnichnaya
atmosfera i ventilatsiya; Bor'ba s pyl'iu, gazami i pozharemi;
Gornospasatel'noe delo. Redkollegiya toma: A.A.Skochinskiy i dr.
1959. 375 p. (MIRA 12:6)

1. Chlen-korrespondent AN USSR (for Shcherban').
(Mine ventilation) (Mine rescue work)

LIDII, S.S., prof.

Academician Aleksandr Aleksandrovich Skochinskii; on 14

85th birthday. Shakht.stroi. no.8:31-32 Ag '59.

(MIRL. 18:11)

(Skochinskii, Aleksandr Aleksandrovich, 1874-)

LIDIN, G.

"Draining out methane in Soviet coal mining." p. 228.

BANYASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet). Budapest, Hungary, Vol. 12, No. 13, July 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

VORONINA, L.D., kand.tekhn.nauk; LIDIN, G.D., doktor tekhn.nauk, prof.;
KHODOT, V.V., kand.tekhn.nauk

Academician A.A.Skochinski¹¹ and the Soviet school of mine
ventilation; on his 85th birthday. Ugol' 34 no.7:59-61 J1 '59
J1 '59. (MIRA 12:10)
(Skochinski¹¹, Aleksandr Aleksandrovich, 1874-)
(Mine ventilation)

BUCHNEV, V.K., prof., doktor tekhn. nauk; KALININ, R.A., dotsent; KORABLEV, A.A., kand. tekhn. nauk; MONIN, G.I., inzh.; BELYAYEV, V.S., kand. tekhn. nauk; MERKULOV, V.Ye., inzh.; ALEKSEYENKO, V.D., inzh.; IL'SHTEYN, A.M., kand. tekhn.nauk; GELESKUL, M.N., kand. tekhn.nauk; KOBISHCHANOV, M.A., kand. tekhn.nauk; DOBROVOL'SKIY, V.V., kand. tekhn. nauk; MALYSHEV, A.G., inzh.; VOROPAYEV, A.F., prof., doktor tekhn. nauk; LIDIN, G.D., prof., doktor tekhn.nauk; TOPCHYEV, A.V., prof.; VEDERNIKOV, V.I., kand. tekhn.nauk; KUZ'MICH, I.A., kand. tekhn. nauk; LEYTES, Z.M., inzh.; SYSOYEVA, V.A., kand. tekhn. nauk; MELAMED, Z.M., kand. tekhn.nauk; CHERNAVKIN, N.N., inzh.; KARPILOVICH, M.Sh., inzh.; MEL'KUMOV, L.G., inzh.; BOGOPOL'SKIY, B.Kh., inzh.; FROLOV, A.G., doktor tekhn.nauk; KHVOSTOV, F.K., inzh.; BAGASHEV, M.K., kand. tekhn. nauk; KAMINSKIY, I.N., inzh.; PETROVICH, T.I., inzh.; ZHUKOV, V.V., red. izd-va; LOMILINA, L.N., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Mining engineers' handbook] Spravochnik gornogo inzhenera.
Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960.
(MIRA 14:1)

(Mining engineering--Handbooks, manuals, etc.)

SKOCHINSKIY, A.A., akademik [deceased]; LIDIN, G.D., doktor.tekhn.nauk ;
PETROSYAN, A.N., kand.tekhn.nauk

Determination of longwall lengths by the gas factor. Ugol' 35 .
no. 12:29-34 D '60. (MIRA 14:1)
(Mine gases) (Coal mines and mining)

LIDIN, G. D.

5

- KOLBASIN, G. M., Soviet Research Institute of Mining Industry [sic] - "Mechanization of supports and roof control of mines in the Soviet Union" (Section IV)
- LIDIN G. D., Academy of Sciences USSR - "Up-to-date methods of prognosis of methane emission in coal mines" (Section V)
- MAN'KOVSKIY, G. I., Institute of Mining, Academy of Sciences USSR - "Development of shaft mining techniques in the USSR" (Section I)

Reports to be submitted for the Symposium on Mechanization of Mines in India, Dhanbad, India, 9-12 December 1961

LIDIN, Georgiy Dmitriyevich, nauchnyy sotr.; AYRUNI, Arsen Tigranovich, nauchnyy sotr.; KLEBANOV, Feliks Semenovich, nauchnyy sotr.; MATVIYENKO, Nikolay Grigor'yevich, nauchnyy sotr.; GVEDIN, V.Ye., otv. red.; SMIRENSKIY, M.M., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Controlling accumulations of methane in coal mines] Bor'ba so skopleniyami metana v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 140 p. (MIRA 15:1)

1. Institut gornogo dela im. A.A.Skochinskogo (for Lidin, Ayruni, Klebanov, Matviyenko).

(Mine gases)

VESELOVSKIY, V.S., prof., doktor tekhn.nauk; LIDIN, G.D., prof., doktor tekhn.nauk; KHODOT, V.V., kand.tekhn.nauk; YANOVSKAYA, M.F., kand.tekhn.nauk

Response to the articles of A.P.Kuznetsov "Nature of sudden gas and coal outbursts" and "Mechanics of sudden coal and gas outbursts." Ugol' 36 no.7:63-64 J1 '61. (MIRA 15:2)
(Mine gases) (Kuznetsov, A.P.)

LIDIN, Georgiy Dmitriyevich, starshiy nauchnyy sotr., prof.;
PETROSYAN, Artur Emmanuilovich, kand. tekhn. nauk. Prinsipialni
uchastnye: AYRUMI, A.T., kand. tekhn. nauk; USTINOV, N.I., inzh.;
SKOCHINSKIY, A.A., akademik, otv. red. [deceased]; CHEDIN, V.Ye.,
red. izd-va; MAKUNI, Ye.V., tekhn. red.

[Gas concentration in coal mines of the U.S.S.R.] Gazoobil'nost'
kamenougol'nykh shakht SSSR. Otv. red. A.A.Skochinskii. Moskva,
Izd-vo Akad. nauk SSSR. Vol.2. [Gas concentration in coal mines of
the southwestern Donets Basin] Gazoobil'nost' kamenougol'nykh
shakht iugo-zapadnoi chasti Donetskogo basseina. 1962. 258 p.
(MIRA 15:6)

1. Akademiya nauk SSSR. Institut gornogo dela.
(Donets Basin--Mine gases)

LIDIN, G.D., prof., doktor tekhn.nauk, otv. red.; KHODOT, V.V., doktor tekhn. nauk, red.; VESELOVSKIY, V.S., prof., doktor tekhn. nauk, red.; VORONINA, L.D., kand. tekhn. nauk, red.; SKOBUNOV, V.V., kand. tekhn. nauk, red.; KOSTAN'YAN, A.Ya., red. izd-va; VOLKOVA, V.G., tekhn. red.

[Mine atmosphere] Rudnichnaia aerologiya. Moskva, Izd-vo Akad. nauk SSSR, 1962. 259 p. (MIRA 15:7)

1. Akademiya nauk SSSR. Institut gornogo dela.
(Mine ventilation)

LIDIN, G.D., prof., doktor tekhn.nauk; PETROSYAN, A.E., kand.tekhn.nauk

Comments on M.A. Krainikov's article "Analysis of air on gas
content and ventilation control in mines." Bezop.truda v prom.
5 no.10:15-17 0 '61. (MIRA 14:10)
(Mine ventilation) (Krainikov, M.A.)

LIDIN, G.D.; PETROSYAN, A.E.

Calculating the ventilation of workings with a narrow face according
to the gas factor for coal seams of slight and medium thickness.

Gor. i ekon. vop. razrab. ugol'. i rud. mest. no.1:215-227 '62.
(MIRA 16:7)

(Mine ventilation)

SKOCZYNSKI, A.A., [Skochinskiy, A.A.], prof.; LIDIN, G.D., dr. inz.;
PIETROSJAN, A. [Petrosyan, A.] K.N.T., inz.

Length of the longwall and the problem of seam gases. Przegl gorn 18
no.11:588-593 N '62.

1. Członek Akademii Nauk ZSSR (for Skoczynski).

LIDIN, GEORGIY D.

"Methods for calculating the endangering of mines by gasses on the basis of the gas content of the seams"

report to be submitted for the third Int. Mining Congress, Salzburg Austria,
15-21 Sep 63

LIDIN, G.D., prof., doktor tekhn. nauk, otv. red.; KHODOT, V.V.,
doktor tekhn. nauk, red.; VESELOVSKIY, V.S., prof.,
doktor tekhn. nauk, red.; VORONINA, L.D., kand. tekhn.
nauk, red.; SKOBUNOV, V.V., kand. tekhn. nauk, red.;
AYRUNI, A.T., red.; PRUSAKOVA, T.A., tekhn. red.;
GUS'KOVA, O.M., tekhn. red.

[Problems in mine atmosphere] Problemy rudnichnoi aero-
logii. Moskva, Izd-vo AN SSSR, 1963. 279 p.

(MIRA 17:2)

1. Moscow. Institut gornogo dela imeni A.A.Skochinskogo.

LIDIN, Georgiy Dmitriyevich, st. nauchn. sotr., doktor tekhn. nauk
prof.; AYRUNI, Arsen Tigranovich, st. nauchn. sotr., kand.
tekhn. nauk; SKOCHINSKIY, A.A., akademik, otv. red.
[deceased]; PARTSEVSKIY, V.N., red.izd-va; MAKUNI, Ye.V.,
tekhn. red.; RYLINA, Yu.V., tekhn. red.

[Gas abundance in coal mines of the U.S.S.R.] Gazoobil'-
nost' kamennougol'nykh shakht SSSR. Otv. red. A.A.Skochinskii.
Moskva, Izd-vo AN SSSR. Vol.3. [Gas abundance in coal mines
of the Central Donets Basin region] Gazoobil'nost' kamenn-
ugol'nykh shakht tsentral'nogo raiona Donetskogo basseina.
1963. 350 p. (MIRA 17:4)

1. Moscow. Institut gornogo dela imeni A.A.Skochinskogo

LIDIN, G.D., prof., doktor tekhn.nauk, otv. red.; VASIL'YEV,
B.K., red.

[Air and gas dynamics of mines and mine safety] Rudnich-
naia aerogazodinamika i bezopasnost' gornyykh rabot. Mo-
skva, Nauka, 1964. 205 p. (MIRA 18:1)

1. Moscow. Institut gornogo dela im. A.A.Skochinskogo.

LIDIN, G.D.

Eleventh International Conference of the Directors of Institutes
for Safety in Mining. Ugol' 39 no.11:69-73 N '64.

(MIRA 18:2)

1. Institut gornogo dela im. A.A.Skochinskogo.

LIDIN, G.D.; ETTINGER, I.L.; YEREMIN, I.V.

Gas composition and capacity of coals in the weathering zone of coal deposits. Dokl. AN SSSR 160 no.6:1392-1395 F '65.

(MIRA 18:2)

1. Institut gornogo dela im. A.A. Skochinskogo i Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR. Submitted July 4, 1964.

L 16922-63

EWI(m)/BDS ESD-3 RM

S/076/63/037/004/012/029

AUTHOR: Galaktionov, Yu. P., Lidin, R. A., Astakhov, K. V.

56
55

TITLE: Polarographic investigation of complex formation between europium and ethylenediaminetetraacetic acid

PERIODICAL: Zhurnal fizicheskoy khimii, V. 37, No. 4, 1963, 829-834

TEXT: The reaction of the complex formation of europium (III) and europium (II) with ethylenediaminetetraacetic acid in an acid medium (pH 4.0) is studied polarographically. The half-wave reduction potential of the complex Eu (III) Y⁻ is found to be -0.975 volts (sat. cal. el.). The non-stability constant of the complex Eu (III) Y⁻ ($pK_{Eu(III)Y^-} = 17.03$) which is obtained polarographically with the help of Schwarzenbach's method is valid for 20 degrees and an ionic strength of $\mu = 0.1$ (Li₂SO₄). The polarographic diffusion constants of hydrated europium (III) and europium (II) ions are equal respectively to $6.05 \cdot 10^{-6}$ and $8.9 \cdot 10^{-6}$ cm² · sec⁻¹. The instability constant of the complex of divalent europium with ethylenediaminetetraacetic acid is determined for the first time. Its value at 20 degrees and an ionic strength of $\mu = 0.1$ (Li₂SO₄) is found to be $1.32 \cdot 10^{-12}$, and $pK_{Eu(II)Y^{2-}} = 11.88$. There are 4 tables and 1 graph. The most important English-language reference reads as follows: E. J. Wheelwright, F. H. Spedding,

Card 1/2

L 16922-63

S/076/63/037/004/012/029

Polarographic investigation of complex ...

G. Schwarzenbach, J. Amer. Chem. Soc., 75, 4196, 1953.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni M. V. Lomonosova (Moscow Institute of Fine Chemical Technology imeni M. V. Lomonosov)

SUBMITTED: April 14, 1962

Card 2/2

GALAKTIONOV, Yu.F.; LIDIN, R.A.; ASTAKHOV, K.V. (Moscow)

Polarographic study of the complex formation of europium with
ethylenediaminetetraacetic acid. Zhur. fiz. khim. 37 no.4:
829-834 Ap '63. (MIRA 17:7)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni
M.V. Lomonosova.

LIDIN, S.

AID P - 1822

Subject : USSR/Aeronautics

Card 1/1 Pub. 35 - 17/18

Author : Lidin, S., Eng. Major

Title : Atomic weapons and the antiatomic defence of airfields
(a report from foreign press)

Periodical : Vest. voz. flota, 3, 88-94, Mr 1955

Abstract : The author reviews several articles from the following
periodicals: Flugwehr und Technik, 1954 (W. Germany);
Military Engineer, 1954 (USA); Royal Air Force
Quarterly, 1953, (Great Britian); Military Review,
(USA); Interavia, 1954, (Switzerland); Popular
Science, 1954 (USA).

Institution: None

Submitted : No date

LIDIN, S., inzh.-podpolkovnik

Flight from the ground. Av.i kosm. 46 no.6:94-95 Je '63.
(MIRA 16:8)

(Airplanes--Take-off)

LIDIN, S. B.

"Where Efficiency Suggestions are not Encouraged," Vest. svyazi, No.8, p. 26, 195³

Translation No. 544, 30 Apr 56

LIDIN, V.

PA 26/49T97

USSR/Radio Receivers, Superheterodyne Jan 49
Radio Range

"The T-755 Superheterodyne Set," V. Lidin, 1 p

"Radio" No 1

Schematic diagram of a five-tube superheterodyne set, designed for the following wave-lengths: long wave, 2,069-750 meters, medium wave, 577-185.5, and short wave, 71.5-21.75 with an intermediate frequency of 468 KC. Simplified construction methods are detailed.

26/49T97

LIDIN, V.D. (Arkhangel'sk).

Two experiments with Thomson's coil. Fiz.v shkole 7 no.3:55 '53.
(MLRA 6:11)
(Electric coils)

LIDIN, V. I.

Canals-Surveying

"Surveyors". Rabotnitsa, No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

LIDIN, Ye.; OVCHINNIKOV, P.

Follow-up to our materials. Muk.-elev. prom. 29 no.12:24 D
'63. (MIRA 17:3)

1. Tul'skiy mel'nichnyy kombinat (for Lidin). 2. Gosudarstvennyy
proyektnyy institut po proyektirovaniyu predpriyatiy i sooruzheniy
zernovoy i mkomol'noy promyshlennosti (for Ovchinnikov).

LIDINA, I.B. [translator]; LIDIN, G.D. [translator]; KHODOT, V.V., kand.
tekhn.nauk, otv.red.; CHANTSEVA, G.M., tekhn.red.

[Drainage of methane from coal mines and its utilization] Kaptazh
i ispol'zovanie metana kamennougol'nykh shakht. Moskva, Ugletekhizdat,
1958. 134 p. [Translated from the French] (MIRA 12:5)
(Methane)

1. LIDINA, K.
2. USSR (600)
4. Coal - Mining Machinery
7. Arsenal of the coal industry, Mast ugl. 2 no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

LIDINA, K.

A newly built mine. Mast. ugl. 4 no. 12:8a-8b D '55. (MLRA 9:3)
(Kuznetsk Basin--Coal mines and mining)

LIDINA, E.

Gorlovka Mining Machinery Repair Plant. Mast.uglia 5 no.1:8a-8b
Ja '56. (MLRA 9:5)
(Gorlovka---Machinery industry)(Coal mining machinery)

LIDINA, K.

Men of the Donets Basin. Mast.ugl.5 no.7:16 a - 16 d
Jl '56. (MIRA 9:9)
(Donets Basin--Coal miners)

LIDINA, K.

Filling up the ranks by the young. Mast.ugl. 5 no.9:16-17 S '56.
(Coal miners) (MIRA 9:10)

~~ЛИДЕР КОРКИНО~~

Korkino. Mast.ugl. 6 no.1:16a-16d Ja '57.

(MLRA 10:4)

(Korkino--Coal mines and mining)

LIDINA, K.

Palace of Sports. Mast. ug1. 6 no.8:25-26 Ag 157.
(Shakhty--Sports)

(MLRA 10:9)

БІДИНА, К.

Innovator in the Vorkuta mines. Mast. ugl. 7 no. 7:24a-24b J1 '58.
(MIRA 11:8)
(Pechora Basin--Coal mines and mining)

LIDINA, K.

Brothers. Mast.ugl. 9 no.8:24 Ag '60.
(Kirghizistan--Coal miners)
(Uzbekistan--Coal miners)

(MIRA 13:8)

LIDINA, K.

It reaches everyone ("On a winter night" by V.Oleinikova. Reviewed
by K.Lidina). Mast.ugl. 9 no.11:25 N '60. (MIRA 13:12)
(Communist education)
(Oleinikova, V.)

ALEKSANDROVA, Ye.M.; LIDINA, N.G.

Optical properties of humate solutions and sols of humic acids.
Khim.i tekhn.topl.no.8:36-46 Ag '56. (MLRA 9:10)

L.Moskovskiy khimiko-tekhnologicheskii institut imeni D.I.Mende-
leyeva.
(Humic acid) (Solution (Chemistry))

LOSEV, B.I.; LIDINA, N.G.

Oxidation of coals and humic acids under the influence of
ultrasonic waves. Dokl.AN SSSR 133 no.1:186-188 J1 '60.
(MIRA 13:7)

1. Institut goryuchikh iskopayemykh Akademii nauk SSSR.
Predstavleno akademikom A.N.Tereninym.
(Ultrasonic waves) (Humic acids) (Coal)

LOSEV, B.I.; LIDINA, N.G.; EL'PINER, I.Ye.

Oxidation of humic acids and coal under the effect of ultrasonic
waves. Trudy IGI 14:147-150 '60. (MIRA 13:12)
(Carbonization) (Ultrasonic waves--Industrial application)

S/194/61/000/007/047/079
D201/D305

AUTHORS: Losev, B.I., Lidina, N.G. and El'piner, I.Ye.

TITLE: Oxidation of humic acids and mineral coals by ultrasonic waves

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1961, 14-15, abstract 7 E90 (Tr. In-ta goryuchikh iskopayenykh, AN SSSR, 1960, 14, 147-150)

TEXT: The liquids after being subjected to ultrasound (frequency 380 and 780 kc/s, sound intensity up to 20 W/cm²) were analyzed by chromatography methods. Experiments were carried out with the humic acid of the brown coal of the Aleksander deposits, with the brown coals of Aleksander, Krivlev and Babayev deposits, with highly weathered coals of the Chertinsk and Tom'-Usinsk beds, together with the low-acidity coal of the Nikolayev formation. No effects of ultrasound has been observed with the low-acidity Nikolayev formation coal. In all other experiments the results agree as follows:

Card 1/2

Oxidation of humic acids...

S/194/61/000/007/047/079
D201/D305

With ultrasounds applied to an alkaline liquid, formic and acetic acids may be obtained: With aqueous solutions humic acids undergo peptization and only the second application of ultrasound to the filtrate produces the formic and acetic acids as well. 14 references. [Abstracter's note: Complete translation]

Card 2/2

CA LIDING, P.V.

11A

Action of Vikasol on the contractile and enzymic properties of myosin. P. V. Liding (Med. Inst., Archangelsk, U.S.S.R.). *Biochimica* 16, 200-13(1951).—The addn. of 70 mg. % Vikasol (I) (bisulfite deriv. of vitamin K₂) to myosin (II) resulted in a 60% contraction of the II threads in the presence of ATP, compared to a normal decrease of 45%. Higher concns. of I decreased the contractile properties of II. Threads of II sepd. from K-avitaminous white mice muscles contracted, in the presence of ATP, 40%, compared to 50% contraction by controls. After subcutaneous injection of I into the K-avitaminous animals, the contraction increased to 58%. As regards enzymic activity, II sepd. from the muscles of healthy white mice split off from ATP 360 γ P/mg. N in 30 min. at 30°. The value was 200 γ P for II of K-avitaminous animals, and 460 γ P for II of K-avitaminous mice that had received daily injections of 1 mg. I. Apparently, the increase of enzymic activity and capacity to contract is the result of a change in the structure of II induced by I through new oxidation-reduction conditions of muscle tissue.

H. Priestley

LIDINA, P.V.; TSARINSKAYA, K.I.

Materials on the study of the outbreak of influenza in Irkutsk
in 1962. Trudy Irk. NIEM no. 7:183-194 '62 (MIRA 19:1)

1. Iz laboratorii respiratornykh virusnykh infektsiy Irkutskogo
nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii.

LIDINA, T., inzhener.

Switch for automatically turning off the idle running of welding
machines. Mor.flot 7 no.5:47-48 My '47. (MLRA 9:5)
(Electric welding) (Automatic control)

LIDINA, T.

PA 30T102

USSR/Ships - Repair Equipment
Ships - Welding

Oct 1947

"Unitary Scaffolds for Repairing Ships at Sea," T.
Lidina, Engr, 1 p

"Morskoy Flot" No 10

Diagram and short description of a scaffold designed
by Comrade Shchetinin, Chief of OTK, and Comrade
Zhornitskiy, Chief of the Body Welding Plant of the
Shipbuilding Yard imeni Vano Sturya, for repairing
the hulls of ships at sea.

LC

30T102

LIDINA, T.

PA 23/49T44

USSR/Engineering

Machines, Drilling and Boring
Motors

Oct 48

"An Appliance for Boring Motor Block Cylinders,"
T. Lidina, Engr, $\frac{1}{2}$ p

"Morskoy Flot" No 10

Describes boring attachment for use with drilling
machine. Includes sketch.

23/49T44

1. LIDINA, T.
2. USSR (600)
4. Metals - Heat Treatment
7. Aerial tempering of cast iron parts with a lowered degree of hardness.
Mor. flot 13, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

LIDINA, T.

Portable centrifuged pump for cleaning compartments. Mor.
flot 19 no.10:36 0 '59. (MIRA 13:2)

1. Inzhener po izobretatel'stvu sudoremontnogo zavoda imeni
Parizhskoy kommuny.
(Centrifugal pumps)

L 10642-63 EWP(q)/EWT(m)/BDS--AFFTC/ASD--JD/JXT(IJP,DE)

ACCESSION NR: AP3001227

S/0078/63/008/006/1531/1532

AUTHOR: Korshunov, B. G.; Lidina, Ye. D.; Shevtsova, Z. N. 61

TITLE: Melt diagram for the system MoCl sub 5 - AlCl sub 3 - FeCl sub 3

SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 6, 1963, 1531-1532

TOPIC TAGS: melt diagram, MoCl sub 5-AlCl sub 3-FeCl sub 3, eutectics,

ABSTRACT: The melt diagram for the MoCl sub 5 - AlCl sub 3 - FeCl sub 3 system is given. Eutectics for MoCl sub 5 - AlCl sub 3 = 121 degrees; for MoCl sub 5 - FeCl sub 3 = 88 degrees; surface of the liquidus corresponds to the separation of MoCl sub 5 from solution and to the solid solution of Al and Fe chlorides.

"Indices of refraction of crystals of the compounds were determined by L. V. Milyutina, for which the authors express their deep appreciation." Orig. art. has: 1 figure.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova (Moscow Institute of Fine Chemical Technology)

SUBMITTED: 12Nov62

DATE ACQD: 01Jul63

ENCL: 00

Card 1/2

LIDINSKIY, K.; LIKHAREVA, N., Engs.

Refrigerators

Household refrigerator KhSh-YA., Khol.tekh. 30, no. 1, 1953

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

LIDITSKI, Frantisek, inzh. [Lidicky, Frantisek]; SUKHOMEL, Frantisek,
inzh. [Suchomel, F.]

The electric power system of Czechoslovakia. Elektroenergiia
13 no.11:26-28 N '62.

1. Ministerstvo na gorivata i energetika, Praga.